

Terminal H-reflex Measurements in Mice

Frederique Wieters^{*1}, Matthias Gruhn^{*2}, Ansgar Büschges², Gereon R. Fink^{1,3}, Markus Aswendt¹

¹Faculty of Medicine and University Hospital Cologne, Department of Neurology, University of Cologne ²Department for Animal Physiology, Institute for Zoology, Biocenter Cologne, University of Cologne ³Cognitive Neuroscience, Institute of Neuroscience and Medicine (INM-3), Research Center Juelich

*These authors contributed equally

Corresponding Author

Markus Aswendt

markus.aswendt@uk-koeln.de

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Materials

Name	Company	Catalog Number	Comments
Absorbent underpad	VWR	115-0684	
AD converter	Cambridge Electronic Design, UK	CED 1401micro	
Amplifier	Workshop Zoological Institute, UoC	-	
Digital stimulator	Workshop Zoological Institute, UoC	MS 501	
EMG electrodes	Workshop Zoological Institute, UoC		Two twisted, insulated copper wires (50 µm outer diameter) were soldered to a male plug and connected to a differential amplifier.
Eye ointment	Bayer	Bepanthen	
Glass pipette	Workshop Zoological Institute, UoC	-	Prepare a glass pipette bent into a simple glass hook in the flame of a Bunsen burner.
Heating box	MediHeat	MediHeat V1200	
Heating pad	WPI	61840 Heating pad	
Hook electrodes	Workshop Zoological Institute, UoC	-	To produce the electrodes, bend stainless steel miniature pins into hooks at one end and insert into blunt cannulas to create direct mechanical contact. Solder the end of the cannula to copper wires (length approx. 50 cm), which are connected to either stimulation or recording device.
Ketamine	Pfizer	Ketavet	
Rectal probe	WPI	RET-3	
Stimulator isolation unit	Workshop Zoological Institute, UoC	MI 401	
Sterilizer	CellPoint Scientific	Germinator 500	Routine pre- and post-operative disinfection of the surgical equipment should be done by heat sterilization. Decontaminate instruments for 15 s in the heated glass bead bath (260°C).
Temperature controller	WPI	ATC200	
Vaseline	Bayer	-	

Xylazine	Bayer	Rompun	
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